HP Photosmart A434 Photo Studio

HP Photosmart M525 Digital Camera & Photosmart A432 Printer

Datasheet

Everything you need to take and print photos

- Take beautiful photos using a compact 6 MP camera with 3x optical zoom
- Preview, edit and print photos almost anywhere[1] without a PC
- Automatically remove red-eye and enhance photos with HP Photo Fix

Everything you need for beautiful HP photo prints

An easy, three-step system—just snap, dock and print beautiful photos.

- Take beautiful photos, using a compact, 6 MP camera, with 3x optical zoom.
- Bypass the PC to preview, edit and print only the photos you want, using camera's 1.7-inch display
- .Dock the stylish HP camera on this matching printer for easy prints, plus recharge batteries.
- Effortlessly print photos, using intuitive buttons and easy menus, without a computer.

Fun and portable printing[1] without a computer

Snap, edit and print photos almost anywhere, no software or PC needed.

- Print a 4 x 6-inch photo at home, parties or almost anywhere—in as fast as 60 seconds.
- Connect to a TV to display a slide show—then print photos and video action prints—using a remote.
- Take this lightweight printer with you, using an easy-to-carry handle and folding paper trays.
- Get truly portable printing, with an optional rechargeable battery, for up to 75 prints per charge.[1]
- Print directly from select camera phones, notebook PCs and more, with an optional wireless adapter.[2]

Get the picture you want

Automatically remove red-eye and print water-[4] and fade-resistant photos.[5]

- Automatically remove red-eye, brighten and sharpen photos and improve color, using HP Photo Fix.
- Add creative touches, borders and more to your photos and remove red eye—right on the camera.
- Get beautiful 4 x 6-inch photos for as little as 29 cents each,[3] using the HP Photo Value Pack.
- Get water- and fade-resistant photos, using HP Vivera Inks and HP Advanced Photo Paper.[5]

[1] HP Photosmart Internal Battery for Compact Photo Printers not included. Please purchase separately. Number of prints per charge may vary.
[2] Bluetooth® wireless adapter not included. Supports camera phones with Bluetooth® wireless technology. Visit www.hp.com/support/bluetooth for a list of compatible devices.
[3] Special offer with purchase of HP Photo Value Pack, Custom 110 Series, 4 x 6-inch, 120 sheets based on estimated street price. Results may vary.
[4] Up to 50 years based on Wilhelm-Research.com light fade testing under glass using the HP 110 Tri-color Inkjet Print Cartridge with Vivera Inks on HP Advanced Photo Paper. For more information on fade resistance, please visit www.hp.com/go/printpermanence.
[5] Smudge and water resistant only when printed using HP Advanced Photo Paper and HP 110 Tri-color Inkjet Print Cartridge with Vivera Inks, not available in 4 x 12-inch panorama size.

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Technical specifications

Camera Specifications	**HP Photosmart M525 Digital Camera**
Imaging Technology	Color, EV compensation, fast mode, image quality, ISO speed, white balance; **HP Real Life Technologies:** HP In-camera Red-eye Removal, HP Design Gallery
Photo Resolution	6.0 MP; 2800 x 2128 pixels; **Bit depth:** 36-bit
CCD Image Sensor Specifications	1/2.5-in CCD; 5.05 total megapixels; 5.02 effective megapixels
Still Image Capacity[1]	**Best:** 4 images; 2.3 MB file size; 2800 x 2128 resolution; **Better:** 10 images; 1 MB file size; 2800 x 2128 resolution; **Good:** 14 images; 0.7 MB file size; 2288 x 1712 resolution
Memory Card Compatibility	SecureDigital (SD); **Memory per Slot (maximum):** 1 GB; **Storage Media Capacity:** 16 MB internal memory, capacity: up to 8 photos (accepts SD cards up to 1 GB capacity)
Lens System/Focus Capability	f2.8 (wide) to f4.8 (telephoto); HP Precision Lens: 21x total zoom (3x optical, 7x digital); **Focus Capability:** Normal (default), macro
Digital Focal Distance	Approximately 0.5 m to infinity (normal), 0.6 m to infinity (telephoto), 0.12 to 1 m (macro wide); **35 mm equivalent:** Approximately 38 to 105 mm to infinity
Exposure	**Rating:** Auto (default), ISO 100, 200, 400; **Type:** Automatic; **Control:** Center-weighted auto exposure metering (AE); **Correction:** +/- 2.0 EV in 1/2 steps; **Metering:** TTL (through-the-lens)
Aperture	**Setting:** Automatic; **Range:** f2.8 to f8.0 (wide), f4.7 to f7.6 (telephoto)
Flash	**Availability:** Built-in; **Functions:** Auto (default), Auto with Red-eye Reduction, Flash off, Flash on; **Working Distance:** 12.5 ft wide, 6.9 ft telephoto at Auto ISO
Picture/Shooting Modes	Action, Auto (default), Beach and Snow, Burst, Fast Shot, Landscape, Macro, Night portrait, Portrait, Self Timer, Sunset; **Shooting Modes:** Still (default), Self timer, Burst mode, Video
Shutter / Burst Rate	**Setting:** Automatic; **Speed:** 2 to 1/1000 sec; **Burst Rate:** 2 frames/sec, 3 pictures maximum; **Self Timer Wait Time:** 10 sec
Output File Format	JPEG (EXIF 2.2) for still images with embedded audio; MPEG-1 for video clips; **Image Compression:** JPEG; **Image Control Functions:** Date and time imprinting
Video/ Audio	**Format:** MPEG-1; **Resolution:** VGA 320 x 240; **Max length:** limited to the size of the memory card or internal memory; **Frame Rate:** 20 fps; **Audio Capacity**[2]**:** Yes, Limited by available memory
LCD Display	4.31-cm (1.7-in) LCD display; 480 x 240 = 115200 dots (diagonal display size)
Control Panel	Top: 2 buttons (Video, Shutter release); back: 10 buttons (4-way rocker with OK, Zoom in, Zoom out, Live view/Playback, Flash, Delete, Photosmart Express, Power)
Standard Connectivity	1 USB; **External IO Ports:** 1 USB, 1 dock; **PictBridge Description:** Direct photo printing to PictBridge-enabled printers
Compatible Operating Systems	Microsoft Windows 98, 98 SE, 2000, Me. XP Home, XP Professional x64 Edition,; Mac OS X v 10.28, 10.3, 10.4
Minimum System Requirements	For PC: USB-compatible PC with Pentium II (233 MHz minimum), equivalent Celeron or compatible; 128 MB RAM (Windows 2000, XP Home, XP Professional x64 Edition), 64 MB RAM (Windows 98, 98 SE, Me); 400 MB available hard disk space (Windows 2000, XP Home, XP Professional x64 Edition), 200 MB (Windows 98, 98 SE, Me); SVGA monitor (800 x 600, 16-bit color); Windows 98, 98 SE, 2000, Me, XP Home, XP Professional x64 Edition; CD-ROM drive; Internet Explorer 5.01 with Service Pack 2 or higher; USB port (compatible with USB 2.0 specifications); **For Mac:** Mac OS X v 10.2.8, 10.3, 10.4; 128 MB RAM, 250 MB available hard disk space, built-in USB Pentium II (or equivalent) or greater; 64 MB RAM (256 MB recommended); 200 MB available hard disk space (450 MB recommended); SVGA 800 x 600 monitor with 16-bit color; 4x CD-ROM drive; USB port and USB cable (not included);
Printer Specifications	**HP Photosmart A432 Compact Photo Printer**
Print Technology	HP Thermal Inkjet; **HP Real Life Technologies Features:** HP Auto Red-eye Removal, HP Adaptive Lighting
Print Resolution	Up to 4800 x 1200 dpi
Print Speed	**Color (normal, 4x6 photo):** As fast as 60 sec (with border, direct connect), as fast as 68 sec (borderless, direct connect)
Print Capabilities	**Borderless Printing:** Yes (up to 4 x 12 in); **PictBridge:** Yes; **Direct Print:** Yes (included HP Photosmart camera, PictBridge cameras); **Automatic Paper Sensor:** No
Paper Handling	**Input Capacity:** Up to 20 sheets of photo paper; **Output Capacity:** Up to 20 sheets of photo paper
Media	**Type:** Photo paper, cards; **Weight:** 16 to 24 lb (60 to 90 g/m2) **Sizes Standard:** 4 x 6 in, 4 x 6.5 in, 4 x 8 in (photo card), 4 x 12 in (panorama)
Control Panel	Power, Save, Photo Fix, Print, Menu/OK, Zoom, Cancel and TV (TV remote viewing)
External IO Ports	1 USB (device), 1 USB (host), 1 camera dock, 1 TV out
Compatible Operating System	Microsoft Windows 98, 98 SE, 2000, Me. XP Home, XP Professional x64 Edition,; Mac OS X v 10.28, 10.3, 10.4
Minimum System Requirements	**PC:**Windows 98 SE, 2000, Me, XP Home, XP Professional, XP Professional x64; Internet Explorer 5.01 with SP2 or higher; Adobe Acrobat Reader 5 or higher recommended; Internet access recommended; **Mac:** Mac OS X v 10.3.9 and higher; G3 processor or compatible (G4 or higher recommended); 128 MB RAM (256 MB or higher recommended); 150 MB available hard disk space for software installation; SVGA 800 x 600 monitor 16-bit color; 4x CD-ROM drive; USB port and USB cable (not included); Adobe Acrobat Reader 5 or higher recommended; QuickTime 7.0.3 or higher; any Web browser

[1] These numbers are only a guideline; actual numbers will vary by use.
[2] Audio limit applies to audio with still image capture. Audio with video capture is limited to the size of the memory card or internal memory.
[3] Dependent upon type, print mode and approximate figures. Exact speed will vary depending on the system configuration, software program and photo density.
[4] Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.

Dimensions (w x d x h)/Weight

Camera: 3.74 x 1.25 x 2.44 in (without protrusions)/0.3 lb (without batteries), 0.4 lb (with batteries); (Metric) 95 x 31.3 x 62 mm (without protrusions)/0.14 kg (without batteries), 0.19 kg (with batteries) Printer/camera: 8.9 x 9.06 x 6.65 in; maximum: 8.9 x 9.06 x 6.65 in 227 x 116 x 169 mm Weight: 3.17 lb 1.44 kg

Temperature: **Strorage Range:** -22 to 149° F (-30 to 65° C); **Maximum Operating:** 32 to 122° F (0 to 50° C); **Humidity Recommended Operating Range:** 5 to 85% RH

Power

Features: Universal AC adapter: 100 to 240 VAC (50/60 Hz) input; 5 VDC, 2000 mA output; **Supply Source:** 2 AA alkaline (included), photo lithium, NiMH batteries or HP Photosmart 5V AC Adapter; **Battery Life:** Alkaline: 180 shots (maximum), approximately 120 shots (average); NiMH: 380 shots (maximum), approximately 290 shots (average); photo lithium: 600 shots (maximum), approximately 485 shots (average)

Warranty

One-year limited hardware warranty backed by HP Customer Care, service and support; one-year technical phone support

Product Number: Q7038A

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Ordering information

What's in the box?

- HP Photosmart A434 Portable Photo Studio including:
- HP Photosmart M525 Digital Camera and HP Photosmart A432 printer
- HP 100 Tri-color Inkjet Print Cartridge
- Power supply
- Audiovisual cable
- USB cable Mini-B toA
- Rechargeable camera batteries
- Remote Control with battery
- HP Photosmart Software
- User's guide
- Quick Start Guide

HP Product	Part Number
HP Photosmart A434 Photo Studio	Q7038A
HP Photosmart M525 Digital Camera & Photosmart A432 Printer	
Accessories	
HP 110 Tri-color Inkjet Print Cartridge	CB304A
HP 110 Series Photo Value Pack	Q8700A
HP Advanced Photo Paper, 4 x 6, 100ct	Q6638A
HP Internal Battery for HP Compact Photo Printers	Q5599A
HP Photosmart Carrying Case for compact photo printers	Q3424A
HP bt450 Bluetooth Wireless Printer and PC Adapter	Q6398A
HP Photosmart Digital Camera Black Sport Case	Q6216A
HP Photosmart Digital Camera Silver Sport Case	Q6217A
HP Signature Soft-Style Camera Case	Q6227A
HP Signature Soft-Style Camera Case	Q6228A
HP Secure Digital Memory Cards: 128 MB L1873A, 256 MB L1874A, 512 MB L1875A, 1 GB L1876A, 2 GB L1877A	

For more information visit our website at www.hp.com

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